

PUBLIC DOCUMENT . . . .

. . . . No. 30.

TWENTIETH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

WESTBOROUGH INSANE HOSPITAL,

FOR THE

YEAR ENDING SEPTEMBER 30, 1904.




BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,

18 POST OFFICE SQUARE.

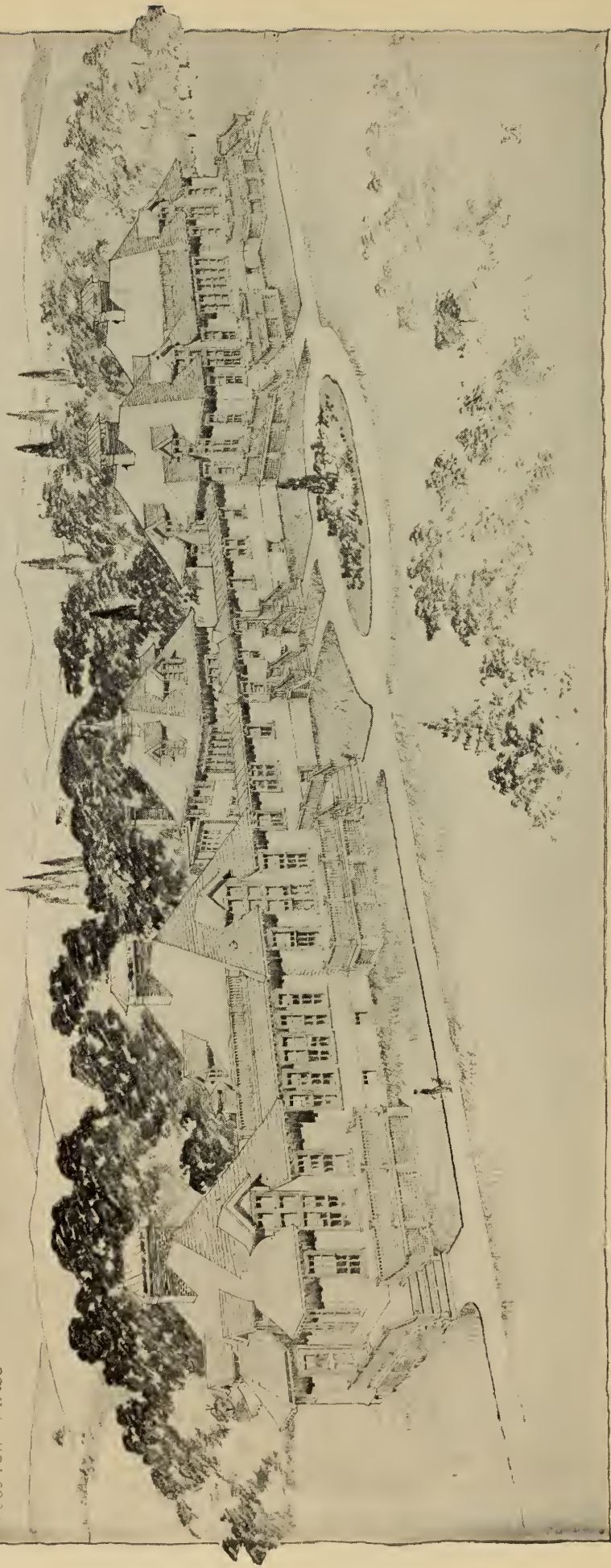
1905.





Digitized by the Internet Archive  
in 2012 with funding from  
Boston Library Consortium Member Libraries

RICHMOND BUILDING  
WESTFORD, INNE. HOSPITAL.  
KENDALL, TAYLOR, & STEVENS, ARCHTS.  
BOSTON, MASS.



RICHMOND COTTAGES.

<sup>35<sup>th</sup></sup>  
TWENTIETH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

WESTBOROUGH INSANE HOSPITAL,

FOR THE

YEAR ENDING SEPTEMBER 30, 1904-1919

*Mass., Westborough State Hospital (Inns)*



BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,

18 POST OFFICE SQUARE.

1905.



JAN 31 1921

STATE HOUSE, BOSTON

Mass. *Official*

APPROVED BY

THE STATE BOARD OF PUBLICATION.

MASS. STATE BOARD OF PUBLICATION  
JAN 31 1921

362.2M3  
W522  
1904-19  
B

## CONTENTS.

---

|  | PAGE |
|--|------|
| REPORT OF THE TRUSTEES, . . . . .                                    | 7    |
| REPORT OF THE SUPERINTENDENT, . . . . .                              | 12   |
| REPORT OF THE CONSULTING BOARD OF PHYSICIANS AND SURGEONS, . . . . . | 17   |
| REPORT OF THE PATHOLOGIST, . . . . .                                 | 19   |
| REPORT OF THE ENGINEER, . . . . .                                    | 21   |
| REPORT OF THE TREASURER, . . . . .                                   | 23   |
| STATISTICAL TABLES, . . . . .  | 29   |





## OFFICERS OF THE HOSPITAL.

---

### TRUSTEES.

|                                     |           |                   |
|-------------------------------------|-----------|-------------------|
| JOHN M. MERRIAM, <i>Chairman</i> ,  | . . . . . | SOUTH FRAMINGHAM. |
| ELIZA C. DURFEE, <i>Secretary</i> , | . . . . . | FALL RIVER.       |
| BENJAMIN W. CHILDS,                 | . . . . . | WORCESTER.        |
| JOHN L. COFFIN, M.D.,               | . . . . . | NORTHBOROUGH.     |
| SARAH B. WILLIAMS,                  | . . . . . | TAUNTON.          |
| EDWARD HAMLIN,                      | . . . . . | BOSTON.           |
| LEWIS R. SPEARE,                    | . . . . . | NEWTON.           |

---

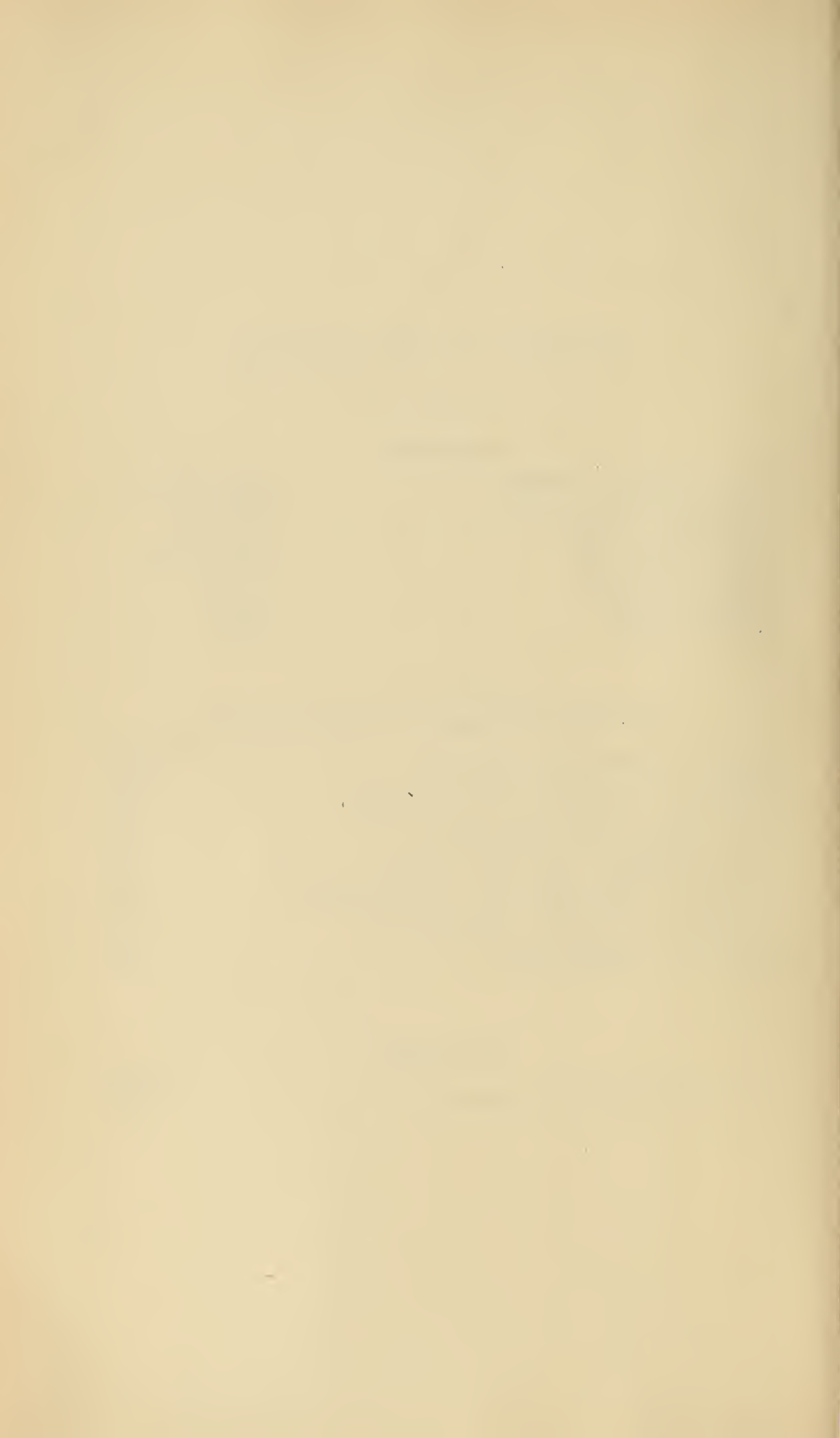
### RESIDENT OFFICERS AND THEIR SALARIES.

|  | Per Annum. |
|--|------------|
| GEORGE S. ADAMS, M.D., <i>Superintendent</i> ,           | \$3,000    |
| HENRY I. KLOPP, M.D., <i>Assistant Superintendent</i> ,  | 1,800      |
| CLIFFORD J. HUYCK, M.D., <i>Assistant Physician</i> ,    | 1,000      |
| IDA J. BROOKS, M.D., <i>Assistant Physician</i> ,        | 1,000      |
| E. RAY BUHRMAN, M D., <i>Assistant Physician</i> ,       | 1,000      |
| ALBERTA S. BOOMHOWER, M.D., <i>Assistant Physician</i> , | 600        |
| WILLIAM W. COLES, M.D., <i>Assistant Physician</i> ,     | 600        |
| SOLOMON C. FULLER, M.D., <i>Pathologist</i> ,            | 1,200      |
| MELVILLE L. STACEY, <i>Steward</i> ,                     | 1,200      |

---

### TREASURER.

|                                    | Per Annum. |
|------------------------------------|------------|
| H. L. DAVENPORT, SOUTH FRAMINGHAM, | \$450      |



# Commonwealth of Massachusetts.

## REPORT OF THE TRUSTEES.

*To His Excellency the Governor and the Honorable Council.*

The trustees of the Westborough Insane Hospital respectfully present their twentieth annual report as follows : —

Probably the one fact common to all annual reports from the trustees of insane hospitals and asylums in Massachusetts is the increase of population from year to year. This fact will be especially prominent in the reports for the past year by reason of the so-called State care law, which went into effect Jan. 1, 1904, and under the operation of which many of the insane hitherto cared for in town almshouses have been transferred to State institutions. Four hundred and forty-four patients have been received at this hospital during the past year and 404 have been discharged. There has been, therefore, a net increase in the number of patients Sept. 30, 1904, over the number Sept. 30, 1903, of 40, and an increase in the daily average number of patients from 753.68 to 822.34. In spite of this increase, however, the patients have been better cared for during the past year than during previous years. This has been made possible by reason of the occupancy of the recent new buildings, and especially of the new west wing, as it has been called, a convenient and fireproof addition, arranged to accommodate 100 chronic disturbed cases. The rear wards of the hospital, where there was the greatest crowding, noise and confusion, have been greatly relieved, beds have been removed from corridors, and many patients who formerly were crowded into dormitories now have single or double rooms.

The weekly per capita cost appears from the treasurer's statement to be \$4.01  $\frac{1}{10}$ . In these figures, however, have been included several items for extraordinary repairs, and if these are

excluded the weekly per capita cost becomes  $\$3.88\frac{4}{10}$ . A large factor in the determination of this cost is the number of nurses and attendants. This number is slightly greater than in former years, but the trustees do not feel that it can be reduced without sacrificing the welfare of the patients and requiring of the nurses and attendants unusual hours of service.

The new construction is reviewed by the superintendent in his report. The trustees have been particularly pleased with the nurses' homes, two of which have been finished and occupied during the past year, and the third is almost finished. The Legislature appropriated \$25,000 for the construction of these nurses' homes. They will be built at a total expense of less than \$22,000, and the work has been done entirely by hospital employees, under the supervision of the hospital carpenter. These three nurses' homes will accommodate 54 nurses at a total cost considerably less than half of what has been spent to construct the large institutional nurses' homes elsewhere for the same or a smaller number of nurses.

This experiment has proved so successful that the three buildings for occupancy by the engineer and male employees and male attendants are now being built according to this same plan, and also the superintendent's house. Unless unforeseen difficulties arise these buildings will be constructed at a great saving over the probable cost under the ordinary plan of awarding contracts.

During the severe winter of 1903-04 much difficulty was experienced by reason of ice which formed in the unprotected water tank, which is the principal source of supply for the hospital for all domestic purposes. This tank was constructed some eighteen years ago of boiler plates of varying thickness, placed upon a high masonry tower. These plates are single riveted at intervals somewhat further apart than is usual. Ice formed on the inside of the tower to a thickness of two or three feet and in the centre to the thickness of six feet. Several of the rivets were broken and the plates severely strained. In the judgment of an experienced boiler maker and of competent engineers it has been deemed unsafe to expose this tank, in its unprotected condition, to the severe cold of another winter, and with the approval of the State Board of Insanity and of the





NURSES' HOMES.





Governor and Council, before whom these facts were placed, the trustees have arranged to cover this entire structure with boards, paper and shingles, at an expense not exceeding \$3,500. This has been done in order to avert the imminent danger of serious calamity which would result in case of the failure of this tank in the depth of winter, when it would be exceedingly difficult to repair it. Such a disaster would cripple the entire pumping and heating apparatus of the hospital, and would surely increase, in a very great degree, the danger of loss of life in case of fire. This money has been taken from the current receipts of the hospital, and the trustees request that an appropriation be granted, reimbursing the hospital funds for this expenditure.

The trustees are much concerned over the question of an adequate and permanent water supply, and have already called attention, in their former reports, to the possibility of obtaining water from the metropolitan water aqueduct. They have caused a survey and plan to be made to accomplish this end, and they attach to this report the report of the engineer outlining this work. The total cost of this will not exceed \$35,000. This is larger than the estimate first given to the trustees and seems a large appropriation. In view, however, of the absolute necessity to an institution of large and increasing population, already numbering 1,200 persons, of a satisfactory and sufficient water supply, and of the permanent character of this improvement, we feel that this expenditure is justified. We also feel that, in view of the participation of the Commonwealth as a whole in the construction of the metropolitan water system, and of the fact that the credit of the Commonwealth is pledged to provide for the accomplishment of this great object, generous provision should be made for an institution of the Commonwealth located near the metropolitan water aqueduct, so that water can be obtained at a nominal cost.

The only other object requiring appropriation is the building of a laundry to be used in connection with the Richmond colony, for which the trustees request an appropriation of \$3,000. No provision has been made to furnish the superintendent's house, which will be finished in the spring. The trustees in the beginning requested \$12,000 to construct and

furnish this house. This amount was reduced to \$8,000, without provision, however, for furnishings. The trustees have saved at least \$3,000 from the appropriation for nurses' homes, and request that the unexpended balance of this appropriation be made available for fixtures and furniture for the superintendent's house. In this way this object will be accomplished without additional appropriation.

This report is the twentieth annual report submitted by the trustees of this hospital. The act incorporating this hospital was approved June 3, 1884, and provided for the establishment at Westborough, in the building then occupied by the State reform school, of a hospital to be conducted upon the principles of medicine known as homœopathic. This legislation met with considerable opposition, and it is interesting, therefore, to review briefly the development of the hospital in these twenty years of its existence. The discarded buildings of the State Reform School were remodelled and made available for 325 patients. The hospital was opened in the year 1886, and received before Oct. 1, 1887, 309 patients. The average population, as has already been stated, during this past year was 822.34, and the largest population at any time was 863. In the history of the institution 6,181 different cases of insanity are recorded on the books of the hospital.

The buildings of the old reform school, even when remodelled, proved utterly inadequate for this increasing population. Adjoining farms from time to time have been purchased, so that now the hospital grounds almost encircle Chauncy Lake, the total acreage being 547.22. Colonies for 100 men and 100 women have been established at some distance from the older buildings. A modern building for the convalescent quiet insane has been constructed and equipped, and a like building for the cases of acute mania is now in process of construction. The new nurses', attendants' and employees' homes will furnish to the occupants a quiet, homelike environment, which will contribute much to contentment and length of service.

The classification afforded by these additions and improvements has promoted the scientific care and treatment of the insane. From the beginning the treatment at the Westborough Insane Hospital has resulted in a uniformly high rate of recov-



eries. During the year 1902-03 71 persons were discharged as recovered, 52 as much improved and 47 as improved, and during the past year 78 have been discharged as recovered, 34 as much improved and 34 as improved. Certain classes of insanity are recognized by alienists as incurable. In the remaining classes there is hope of recovery. The percentage of recoveries based upon the total number of these curable cases has approximated 75.

The trustees feel that it is due their superintendent and his assistant physicians that emphasis should be placed upon this record at this time. For the past two years the immediate care of all curable cases has been assigned to the assistant superintendent, Dr. Henry I. Klopp, who has given to this work untiring devotion, with marked success. The large number of voluntary patients at Westborough is further evidence of the successful efforts of the superintendent and his assistants in relieving the harsh conditions formerly surrounding life at an insane hospital. In 1902-03 there were 29 cases of voluntary patients in the five State insane hospitals and of these, 16 were at Westborough.

The hospital has been fortunate in its physicians and other officers, particularly in their length of service and their loyalty to the institution. Both the superintendent and assistant superintendent have declined positions with far greater pecuniary returns than their present salaries. No changes have taken place in the personnel of the Board of Trustees during the past year.

The records of the superintendent, pathologist, treasurer and consulting board, together with the statistics required by law, are appended to this report.

JOHN M. MERRIAM, *Chairman.*

ELIZA C. DURFEE, *Secretary.*

BENJAMIN W. CHILDS,

JOHN L. COFFIN, M.D.,

SARAH B. WILLIAMS,

EDWARD HAMLIN,

LEWIS R. SPEARE,

*Trustees.*

## REPORT OF THE SUPERINTENDENT.

*To the Board of Trustees of the Westborough Insane Hospital.*

I respectfully submit the report of the superintendent for the hospital year ending Sept. 30, 1904.

The following table shows the movement of population for the past year : —

|   | Men.   | Women. | Totals. |
|---|--------|--------|---------|
| Patients in the hospital Sept. 30, 1904, . . . . .      | 341    | 461    | 802     |
| Admissions within the year, . . . . .                   | 187    | 257    | 444     |
| Whole number of cases within the year, . . . . .        | 528    | 712    | 1,246   |
| Dismissed within the year, . . . . .                    | 202    | 202    | 404     |
| Viz., as recovered at the time of leaving the hospital, | 23     | 55     | 73      |
| much improved, . . . . .                                | 21     | 13     | 34      |
| improved, . . . . .                                     | 17     | 17     | 34      |
| not improved, . . . . .                                 | 13     | 10     | 23      |
| not insane, . . . . .                                   | 10     | 17     | 27      |
| Died, . . . . .   | 63     | 44     | 107     |
| Transferred, . . . . .                                  | 30     | 19     | 49      |
| Escaped, . . . . .                                      | 7      | —      | 7       |
| On visit, . . . . .                                     | 18     | 27     | 45      |
| Patients remaining Sept 30, 1904, . . . . .             | 326    | 516    | 342     |
| Daily average number of patients, . . . . .             | 335.82 | 486.52 | 822.34  |

During the hospital year there were 444 admissions, this being 87 more than in the previous year. Of these, 409 were commitments of the insane and 10 commitments of inebriates. There were received by transfer by the State Board of Insanity 51 and there were 25 voluntary patients. Two escaped patients were returned. There were 404 patients dismissed within the year, 176 of these going to their homes and friends.

The State Board of Insanity removed 70 persons, sending 31 to other institutions, 17 to boarding out and 22 to outside of the State. There were 107 deaths. There were 7 patients who escaped and were not returned, and there are 45 patients out on visit.

The hospital has been very free from contagious disease the past year. One case of scarlet fever required isolation and there were two mild cases of measles.

We have adopted this year the classification of Kraepelin in making diagnosis of mental disease. This, although unfortunate in some of its terminology, is much better than any other hitherto presented to alienists, and the name given to a disease means no letting up in the measures for treatment of cases.

The training school has graduated 23 nurses in the past hospital year. Consideration is being given to the matter of extending the course to three years, whenever it is possible in the third year to give the nurses sufficient return for an additional year of service.

The building for chronic disturbed patients, under construction a year ago, was completed and occupied last June, and I can report that these wards are admirably well adapted to the needs of this class of patients, making them happier and also rendering the work of the nurses easier.

Two of the cottages for women nurses are completed, furnished and occupied, and the third is nearly ready for use. These cottages are really homes, where the nurses, when away from labor, can drop all feeling of responsibility and get the entire change and rest that best prepares them for their hours of duty. The nurses now in the homes appreciate these privileges very much.

Under the appropriation of the Legislature of 1904 the work of construction has been forwarded as follows: —

Plans for the building for acute disturbed cases were prepared, approved and the contract given to the lowest bidder, Mr. Ernest T. Wilson of Natick, Mass. This building is situated convenient to the Talbot building, but so placed that the noise made by the patients will not annoy those in the other building. It is externally similar in construction to the Talbot building, but inside is of cement, concrete construction and



practically fire proof. I expect the building to be completed and occupied by March 1, 1905.

Plans for buildings for male employees and nurses were made and approved; and one building for male employees, with the engineer and family, in charge of the hospital carpenter, Mr. Richardson, is approaching completion, and the foundations have been put in for two other buildings for male nurses, which are similar, in construction, to those for women nurses. These will not be ready until some time in the spring.

The plan for a house for the superintendent was approved and work begun during the past summer. The erection is also in charge of the hospital carpenter and will be finished in the early spring.

The appropriation of \$5,000 by the Legislature of 1902, for better accommodations for the pathologist and for an operating room, was continued by the General Court of 1904. The State Board of Insanity has approved plans for an operating room, material has been ordered, and undoubtedly the room will be completed in the early winter. The \$7,000 for a fire-proof building for the pathologist will be used for that purpose after a site is available. In order to be convenient to the building for acute cases, it will be erected on the foundation of the old Peters house, which will be torn down when the new building for employees is occupied. It is planned to construct a concrete building, that will insure the safety of the collection of pathological material, which is becoming more valuable each year.

The Legislature permitted the use of \$12,000 of current expense money for changes in our electric lighting plant. The Westinghouse Electric and Manufacturing Company received the contract for generators, motors and switch board, and the American Engine Company the contract for a one hundred and fifty horse-power high-speed engine, and it is expected that the changes will be completed by the middle of November.

The State Board of Insanity did not approve of our request of a year ago for an appropriation for a permanent good supply of water, believing other matters more urgent at the time. In the past year conditions have become worse. The State Board of Health pronounces our drinking water as safe, and it is true



that we have had no diseases resulting from contaminated water since we have been using driven well water for drinking purposes; but it has a perceptible odor and an unpleasant taste, and many of our inmates fail to drink as much water as they should on account of this. The lake water is not clean and is becoming worse for laundry purposes for this reason.

Mr. J. J. Van Valkenburgh, our engineer, has made a careful survey and plan of the best route to enter the open aqueduct of the metropolitan water system, which is 9,000 feet away, and can be reached without land damages, as the route will be wholly upon land of the Metropolitan Water Board and our own, and easy of access by our engineer. I recommend that we ask for an appropriation for this purpose and for the necessary legislation that may be required to give us the right to enter the aqueduct.

The Richmond building for 100 women has now been occupied for over a year and has been satisfactory in inducing many chronic patients, previously idle, to become helpful. Most of these patients wish to do their own washing and ironing, and the hospital laundry has reached its capacity for work in caring for our present population. Relief would come if these women could do their own laundry work, and I believe that they can do this and do not only their own but that of another hundred persons, and I recommend that we ask for an appropriation of \$3,000 for the erection and furnishing of a simple building back of the centre of the Richmond group for these patients.

I recommend that an appropriation for furnishing the superintendent's house be asked for.

Mrs. John Felt Osgood gave \$100 for the entertainment of the patients. This money has been devoted to this purpose during the winter and spring. Mrs. Lewis Day gave \$10 as an Easter gift to the patients, which was used for that purpose. The Hospital Newspaper Society sent three barrels of magazines for the use of patients. Mr. Martin Greene sent the "Scientific American."

Dr. Alberta S. Boonhower was appointed woman physician April 6, 1904, the large increase of women patients and the amount of work required from the physician making such an

addition desirable. Dr. F. A. Webster resigned his position as assistant physician to enter general practice, and Dr. W. W. Coles, a graduate of Boston University School of Medicine, 1904, was appointed in his place.

I thank the officers and heads of departments for their loyal service and efficient assistance in the interests of the hospital. I am grateful to the trustees, individually and collectively, for their continued assistance and counsel, and trust that it may continue in the year to come.

GEORGE S. ADAMS,  
*Superintendent.*

SEPT. 30, 1904.

## REPORT OF THE CONSULTING BOARD OF PHYSICIANS AND SURGEONS.

---

*To the Trustees of the Westborough Insane Hospital.*

During the year the regular annual and semi-annual meetings of the Board have been held, and the members, acting upon sub-committees for various months, have visited the hospital throughout the year.

Dr. Horace Packard has performed nine operations upon 6 patients: three for ovarian disease; two for perineum and cervix lacerations; and one was suture of the median nerve.

Dr. Suffa examined the eyes of 31 patients and prescribed the glasses most suitable for the various eye difficulties that were disclosed.

The matter of the training school for nurses has been discussed by the Board for a number of years. We recognize the fact that the course in most schools is changing from one of two years' to one of three years' duration. We believe it advisable for the course to be lengthened in this hospital, in order to conform to that in other hospitals. We still believe, however, that a two-year course is sufficiently long in one hospital, especially in hospitals for the insane, and that the added year should be devoted to study, observation and experience in forms of disease not provided in the two-year course. We recommend, therefore, that nurses of this hospital, after two years of satisfactory work, be offered an additional year in some general hospital, where they may learn the nursing needs of surgical, medical and obstetrical cases. We believe that this widened experience will be an advantage to the nurses, to the hospital, and, most of all, to the public.

Our opinion was embodied in the following resolution passed recently at the semi-annual meeting : —

That the Consulting Board recommend to the Board of Trustees that a three-years course for the training school of nurses be instituted as soon as the superintendent can arrange such courses as would offer proper advantages for the nurses.

CONRAD WESSELHOEFT, *Chairman.*

EDWARD P. COLBY.

HORACE PACKARD.

JOHN P. RAND.

GEORGE B. RICE.

CHARLES L. NICHOLS.

HOWARD P. BELLOWS.

GEORGE A. SUFFA.

JOHN P. SUTHERLAND.

N. EMMONS PAINE, *Secretary.*



## PATHOLOGIST'S REPORT.

---

Dr. GEORGE S. ADAMS, *Superintendent Westborough Insane Hospital.*

A report of the work done in the pathological laboratory for the year ending Sept. 30, 1904, is herewith presented.

As in the years preceding it has been the object to make the work of the laboratory useful to the hospital. Each successive year has shown an increase in the number of clinical examinations made and a better co-operation of the laboratory with the ward service. The result has been a correlation of observations; and it is believed that through this correlation we are coming more and more to appreciate more of the psychiatric conditions with which we have to deal.

The appropriation which is now available for the new laboratory will give us better facilities, and it is hoped that through these we will be able to approach, at least, a solution of some of the problems which confront us in a hospital of this character. Much of the work which has been done heretofore has been in the line of the hospital's clinical needs, and this will continue to be the case. Still, as data accumulate, it may be possible, later on, through careful analysis, to apply our observations to specific psychiatric questions in a way that will be valuable. Moreover, with increased laboratory facilities, opportunity will be afforded other members of the staff to undertake the study of special problems in connection with their work. While it is recognized that for each physician there is a special feature of the service which is paramount and to which it is necessary to give the most of his attention, nevertheless, the exact methods required in most laboratory procedures, and the imperative attention to details, will tend not only to closer observations of clinical symptoms, but it is believed will give a correspondingly broader view.

During the year there were twenty-four autopsies, of which twenty-three were complete and one in which permission to examine the brain only was granted. The psychoses of these cases were as follows : —

|                                    |       |
|------------------------------------|-------|
| General paresis, . . . . .         | 8     |
| Alcoholic insanity, . . . . .      | 2     |
| Senile dementia, . . . . .         | 4     |
| Paranoia, . . . . .                | 1     |
| Imbecility, . . . . .              | 2     |
| Traumatic insanity, . . . . .      | 1     |
| Organic dementia, . . . . .        | 1     |
| Terminal stage dementia, . . . . . | —     |
| Præcox, . . . . .                  | 4     |
| Katatonic excitement, . . . . .    | 1     |
|                                    | <hr/> |
|                                    | 24    |

The cerebral cortex, cord and body tissues of all these sections have either been studied or are in course of preparation. In addition there were submitted to the laboratory for examination 1,448 specimens, a total of 1,472 separate examinations.

With the greatest appreciation for the co-operation of the staff and your continued support and encouragement, this report is

Respectfully submitted,

SOLOMON C. FULLER,

*Pathologist.*

SEPT. 30, 1904.



## REPORT OF THE ENGINEER.

---

SOUTH FRAMINGHAM, MASS., Sept. 7, 1904.Dr. GEORGE S. ADAMS, *Superintendent, Westborough, Mass.*

DEAR SIR:— You have requested me to report on the best method of obtaining from the metropolitan aqueduct a water supply for the hospital, and prepare an estimate of the cost of building a station, installing pumping machinery and laying the necessary pipe line to connect the said aqueduct with the water tower of your present system of water works.

I have made surveys to determine the best route for the pipe line and herewith present to you a plan showing its location. It will be seen that the pumping station is located on land of the hospital, at a distance of 3,000 feet from the power plant. The open channel of the metropolitan water works is tapped at a point about 750 feet southerly of the gate house, and the water conducted by a 12-inch cast-iron suction pipe a distance of 5,070 feet to the said station, where it is forced through 3,660 feet of 10-inch pipe into the water tower at the hospital by means of a triplex power pump. This pump is to be driven by electricity furnished by your present power plant.

The cost of the pipe line would be somewhat reduced were the pumping station located at the source of supply and the 5,070 feet of suction changed to a force-main; for then this section of nearly a mile would not have to be laid to the low grade indicated on the plan. But it is believed that the advantage of having the pumping station comparatively near at hand and on your own land, and the saving in the cost of electrical construction and transmission, will more than offset the expense of laying the suction to the grade as established.

Calling the surface of the water in the open channel elevation 100 feet, then the inlet of the suction pipe is 4 feet below, at

elevation 96 feet. This pipe has a grade of 6 inches in its entire length, so that at the pumping station it is at elevation 96.5 feet. The force-main follows the general contour of the ground and has a cover of about 4½ feet.

The force-main has an upward grade throughout its entire length in order that the accumulating air may readily pass up into the tank. Therefore, a short section of pipe northerly of the institution is laid somewhat deeper than usual.

The top of the water tower is 191.6 feet above the water in the open channel, and is at elevation 291.6 feet.

It is thought advisable to have the pumping station of such dimensions as will admit at any time of the introduction of pumping machinery in duplicate. It frequently happens that pumping machinery breaks or must be overhauled, and at such times the necessity of having a reserve pump is very apparent.

The proposed triplex power pump has a capacity of 350 gallons per minute, or 21,000 gallons per hour against a head of 200 feet. It will run at about 30 revolutions per minute and will require about a twenty-five horse-power motor to do the specified work.

The station is brick, with a slate roof and concrete floor. The estimated cost of constructing this pumping plant is as follows : —

|   |             |
|---|-------------|
| 5,070 lineal feet of 12-inch cast-iron pipe, at \$3.50, . . . | \$17,745 00 |
| 3,660 lineal feet of 10-inch cast-iron pipe, at \$2, . . .    | 7,320 00    |
| Check valves, gates, screens, covers and connections, . . .   | 475 00      |
| Inlet house, . . . . .  | 425 00      |
| Brick pumping station, . . . . .                              | 1,600 00    |
| Excavations, foundations and concrete floor, . . . . .        | 1,390 00    |
| One triplex power pump, . . . . .                             | 1,200 00    |
| Connections and setting, . . . . .                            | 550 00      |
| Foundations, . . . . .  | 200 00      |
|   | <hr/>       |
|   | \$30,905 00 |
| Add 10 per cent. for inspection and contingencies, . . . .    | 3,090 50    |
|   | <hr/>       |
|   | \$33,995 50 |

Yours respectfully,

J. J. VAN VALKENBURGH.

## TREASURER'S REPORT

FOR YEAR ENDING SEPT. 30, 1904.

## ASSETS.

|   |              |
|---|--------------|
| 197 acres cultivated land, 123 acres pasturings, 83 acres woodland, 36 acres meadows, 17 acres sprout land, 10 acres unclaimed land, 9 acres graveland, 68 acres lawns, roads, walks, yards, etc., main hospital buildings, Talbot, Richmond, Speare and Dewson cottages, sewage plant, heating plant, farm house, Stanley house, Houghton house, Warren house, Peters house, Osgood cottage, Forbes cottage, Clark cottage, Knights cottage, steward's cottage, small cottage, nurses' homes, main barn, new barn, Stanley barn, Warren barn, piggery, hennery, blacksmith's shop, fruit cellar, tool and wagon house, ice house, old ice house, boat house, Stanley hen house, coach barn, flour and store room, store barn, carpenter shop and vegetable cellar, greenhouse, waiting station, pumping station, . . . . . | \$652,475 00 |
|---|--------------|

## PERSONAL ESTATE.

|   |              |
|---|--------------|
| Stock and supplies, as per inventory, . . . . . | \$121,614 56 |
| Cash on hand, . . . . .                         | 3,342 12     |
|   | <hr/>        |
|   | \$124,956 68 |

## RECEIPTS

|   |            |
|---|------------|
| Cash on hand Oct. 1, 1903, . . . . .                              | \$3,322 00 |
| Received from cities and towns for support of patients, . . . . . | 40,095 89  |
| Received from individuals for support of patients, . . . . .      | 36,790 90  |
| Received from soldiers' relief for support of patients, . . . . . | 826 36     |
| Received from interest on bank deposits, . . . . .                | 251 85     |
| Received from farm and farm products, . . . . .                   | 595 97     |
| Received from sale of : —   |            |
| Material, . . . . .   | \$649 80   |
| Sewing room material, . . . . .                                   | 294 04     |
| Junk, . . . . .   | 116 31     |
| Buttons and thermometers, . . . . .                               | 37 89      |
| Sundries, . . . . .   | 133 35     |
|   | <hr/>      |
|   | 1,231 39   |

Amount carried forward, . . . . . \$83,114 86



|   |             |              |
|---|-------------|--------------|
| <i>Amount brought forward,</i> . . . . .  | \$83,114 36 |              |
| Received from rent, . . . . .   | 185 00      |              |
| Received from horse board, . . . . .  | 65 00       |              |
| Received from board of workmen, . . . . .   | 161 40      |              |
| Received from freight rebate, . . . . .   | 3 35        |              |
| Received from rebates and discounts, . . . . .  | 5 64        |              |
| Received from wages forfeited, . . . . .  | 9 00        |              |
| Received from Commonwealth on account of<br>current expenses, . . . . .                       | 167,561 25  |              |
| Received from Commonwealth on account of<br>special appropriations, . . . . .                 | 100,086 86  |              |
| Received from individuals for support of<br>patients, on account of reimbursements, . . . . . | 3,689 61    |              |
|   | <hr/>       | \$354,881 47 |

## EXPENSES.

|  |              |           |
|--|--------------|-----------|
| 1. Salaries and wages, . . . . .                       | \$66,449 69  |           |
| 2. Food, . . . . .                                     | 44,569 09    |           |
| 3. Clothing and material, . . . . .                    | 3,835 49     |           |
| 4. Furnishings, . . . . .                              | 6,254 39     |           |
| 5. Heat, light and power, . . . . .                    | 11,763 87    |           |
| 6. Repairs and improvements, . . . . .                 | 11,397 89    |           |
| 7. Farm, stable and grounds, . . . . .                 | 13,059 22    |           |
| 8. Miscellaneous : —                                   |              |           |
| Books, periodicals, etc., . . . . .                    | \$359 19     |           |
| Chapel services and entertain-<br>ments, . . . . .     | 597 00       |           |
| Freight, expressage and trans-<br>portation, . . . . . | 5,179 29     |           |
| Funeral expenses, . . . . .                            | 310 00       |           |
| Hose, etc., . . . . .                                  | 73 88        |           |
| Medicine and hospital supplies, . . . . .              | 1,290 61     |           |
| Medical attendance, . . . . .                          | 157 88       |           |
| Manual training supplies, . . . . .                    | 416 63       |           |
| Postage, . . . . .                                     | 378 20       |           |
| Printing and printing supplies, . . . . .              | 181 97       |           |
| Return of runaways, . . . . .                          | 78 58        |           |
| Soap and laundry supplies, . . . . .                   | 1,232 57     |           |
| Stationery and office supplies, . . . . .              | 851 53       |           |
| Keys, . . . . .  | 51 52        |           |
| Travel and expenses (official), . . . . .              | 564 41       |           |
| Telephone and telegraph, . . . . .                     | 390 95       |           |
| Tobacco, . . . . .                                     | 436 92       |           |
| Water, . . . . .                                       | 386 01       |           |
| Sundries, . . . . .                                    | 1,281 73     |           |
|  | <hr/>        | 14,218 87 |
| Total current expenses, . . . . .                      | \$171,548 51 |           |
| <i>Amount carried forward,</i> . . . . .               | \$171,548 51 |           |

|   |              |              |
|---|--------------|--------------|
| <i>Amount brought forward,</i> . . . . .  | \$171,548 51 |              |
| For salaries and wages due Sept. 30,<br>1903, . . . . .   | \$5,137 09   |              |
| For miscellaneous bills due Sept. 30,<br>1903, . . . . .  | 7,600 05     |              |
|   | <hr/>        | 12,737 14    |
|   |              | <hr/>        |
|   | \$184,285 65 |              |
| Less schedule of salaries and wages and miscellaneous bills for September, 1904, approved but unpaid, and included in foregoing itemized statement of current expenses, . . . . . | 16,928 56    |              |
|   | <hr/>        | \$167,357 09 |
| For rebates on account of prepaid board, . . . . .  |              | 204 16       |
| For payments to Treasurer of the Commonwealth, account income, . . . . .  |              | 80,201 63    |
| For payments to Treasurer of the Commonwealth, account reimbursements, . . . . .  |              | 3,689 61     |
| For account of special appropriations, . . . . .  |              | 100,086 86   |
| For balance, cash on hand Sept. 30, 1904, . . . . .   |              | 3,342 12     |
|   |              | <hr/>        |
|   |              | \$354,881 47 |

## LIABILITIES.

|   |            |             |
|---|------------|-------------|
| Salaries and wages due Sept. 30, 1904, . . . . .  | \$5,516 70 |             |
| Miscellaneous bills due Sept. 30, 1904, . . . . . | 11,411 86  |             |
|   | <hr/>      | \$16,928 56 |

## BILLS RECEIVABLE.

|   |           |             |
|---|-----------|-------------|
| Due hospital for board of patients, Oct. 1, 1904: —   |           |             |
| From cities and towns, . . . . .                      | \$757 23  |             |
| From soldiers' relief, . . . . .                      | 144 39    |             |
| From individuals, . . . . .                           | 3,004 76  |             |
|   | <hr/>     | \$3,906 38  |
| Balance appropriation for current expenses, . . . . . | 62,914 46 |             |
|   | <hr/>     | \$66,820 84 |

## SUMMARY.

|                                   |              |
|-----------------------------------|--------------|
| Total receipts, . . . . .         | \$354,881 47 |
| Total payments, . . . . .         | 351,539 35   |
|                                   | <hr/>        |
| Cash on hand, . . . . .           | \$3,342 12   |
| Bills receivable, . . . . .       | 66,820 84    |
|                                   | <hr/>        |
| Total available assets, . . . . . | \$70,162 96  |
| Total indebtedness, . . . . .     | 16,928 56    |

Total current expenses, \$171,548.51.

Average number of patients,  $822\frac{34}{100}$ .

Average weekly cost,  $\$4.01\frac{1}{10}$ .

Average weekly cost, excluding extraordinary repairs and improvements of \$5,437.22,  $\$3.88\frac{4}{10}$ .

H. L. DAVENPORT,

*Treasurer.*

Examined and approved,

BENJAMIN W. CHILDS,

JOHN M. MERRIAM,

*Auditing Committee.*



## SPECIAL APPROPRIATIONS.

On the first day of October, 1904, there remained unexpended the following balances of the several special appropriations by the Legislature of 1902 : —

|  | Balance<br>Oct. 1, 1903. | Expended.  | Balance<br>Oct. 1, 1904. |
|--|--------------------------|------------|--------------------------|
| For construction and furnishing building for 100 women patients, | \$903 15                 | \$903 15   | -                        |
| For improvement of heating machinery, . . . . .                  | 50 68                    | -          | \$50 68                  |
| For extending sewerage system, .                                 | 359 76                   | 359 76     | -                        |
|  | \$1,313 59               | \$1,262 91 | \$50 68                  |

For alteration of main building for pathological work, appropriation, \$5,000, reappropriated by the Legislature of 1904.

The Legislature of 1903 made the following special appropriations : —

|   | Balance<br>Oct. 1, 1903. | Expended.   | Balance<br>Oct. 1, 1904. |
|---|--------------------------|-------------|--------------------------|
| For erecting and furnishing building for 100 patients, . . . . .    | \$70,512 12              | \$65,691 49 | \$4,820 63               |
| For erecting and furnishing building for 50 nurses, . . . . .       | 25,000 00                | 19,785 35   | 5,214 65                 |
| For purchase farm machinery and building roads and walks, . . . . . | 2,448 35                 | 1,670 30    | 778 05                   |
|   | \$97,960 47              | \$87,147 14 | \$10,813 33              |

The Legislature of 1904 made the following special appropriations : —

|   | Appropriation.         | Expended.   | Balance<br>Oct. 1, 1904. |
|---|------------------------|-------------|--------------------------|
| For building for pathological work,<br>Reappropriated, . . . . .                        | \$7,000 00<br>5,000 00 |             |                          |
|   | \$12,000 00            | \$70 80     | \$11,929 20              |
| For constructing and furnishing<br>building for cases of acute in-<br>sanity, . . . . . | 30,000 00              | 8,436 15    | 21,563 85                |
| For constructing and furnishing<br>houses for employees, . . . .                        | 30,000 00              | 9,255 17    | 20,744 83                |
| For superintendent's house, . . .   | 8,000 00               | 4,945 13    | 3,054 87                 |
| For electric light plant (chapter 56),  | 12,000 00              | 3,871 66    | 8,128 34                 |
|   | \$92,000 00            | \$26,578 91 | \$65,421 09              |

H. L. DAVENPORT,  
*Treasurer.*

---

---

# STATISTICAL TABLES.

---

[FORM PRESCRIBED BY THE STATE BOARD OF INSANITY.]

---

---





1. — General Statistics of the Year.

|   | INSANE. |          |         | HABITUAL DRUNKARDS. |          |         | VOLUNTARY PATIENTS. |          |         | AGGREGATES. |          |         |
|---|---------|----------|---------|---------------------|----------|---------|---------------------|----------|---------|-------------|----------|---------|
|   | Males.  | Females. | Totals. | Males.              | Females. | Totals. | Males.              | Females. | Totals. | Males.      | Females. | Totals. |
|   |         |          |         |                     |          |         |                     |          |         |             |          |         |
| Patients in the hospital Sept. 30, 1903, . . . . .            | 337     | 446      | 783     | 1                   | 8        | 9       | 3                   | 7        | 10      | 341         | 461      | 802     |
| Admitted within the year, . . . . .                           | 173     | 236      | 409     | -                   | 10       | 10      | 14                  | 11       | 25      | 187         | 257      | 444     |
| Viz.: by commitment, . . . . .                                | 161     | 185      | 356     | -                   | 10       | 10      | 14                  | 11       | 25      | 175         | 216      | 391     |
| by transfer, . . . . .  | 10      | 41       | 51      | -                   | -        | -       | -                   | -        | -       | 10          | 41       | 51      |
| from escape, . . . . .  | 2       | -        | 2       | -                   | -        | -       | -                   | -        | -       | 2           | -        | 2       |
| from visit, . . . . .   | -       | -        | -       | -                   | -        | -       | -                   | -        | -       | -           | -        | -       |
| Whole number of cases within the year, . . . . .              | 510     | 682      | 1,192   | -                   | 10       | 10      | 17                  | 18       | 35      | 528         | 718      | 1,246   |
| Dismissed within the year, . . . . .                          | 189     | 179      | 368     | 1                   | 13       | 14      | 12                  | 10       | 22      | 202         | 202      | 404     |
| Viz.: discharged, . . . . .                                   | 74      | 95       | 169     | 1                   | 11       | 12      | 9                   | 6        | 15      | 84          | 112      | 196     |
| as recovered at time of leaving the hospital, . . . . .       | 23      | 55       | 78      | -                   | -        | -       | -                   | -        | -       | 23          | 55       | 78      |
| much improved, . . . . .                                      | 21      | 13       | 34      | -                   | -        | -       | -                   | -        | -       | 21          | 13       | 34      |
| improved, . . . . .   | 17      | 16       | 33      | -                   | -        | -       | -                   | -        | -       | 17          | 16       | 33      |
| not improved, . . . . .                                       | 13      | 10       | 23      | -                   | -        | -       | -                   | -        | -       | 13          | 10       | 23      |
| not insane, . . . . .   | -       | -        | -       | 1                   | 11       | 12      | 9                   | 6        | 15      | 10          | 17       | 27      |
| Died, . . . . .   | 63      | 41       | 104     | -                   | -        | -       | -                   | -        | -       | 63          | 44       | 107     |
| Transferred, . . . . .  | 30      | 20       | 50      | -                   | -        | -       | -                   | -        | -       | 30          | 20       | 50      |
| Escaped, . . . . .  | 7       | -        | 7       | -                   | -        | -       | -                   | -        | -       | 7           | -        | 7       |
| On visit, . . . . .   | 15      | 24       | 39      | -                   | 2        | 2       | 3                   | 1        | 4       | 18          | 27       | 45      |
| Patients remaining Sept. 30, 1904, . . . . .                  | 321     | 503      | 824     | -                   | 5        | 5       | 5                   | 8        | 13      | 326         | 516      | 842     |
| Viz.: supported as State patients, . . . . .                  | 283     | 430      | 713     | -                   | 2        | 2       | -                   | -        | -       | 283         | 432      | 715     |
| town patients, . . . . .                                      | -       | -        | -       | -                   | 2        | 2       | -                   | -        | -       | -           | 2        | 2       |
| private patients, . . . . .                                   | 38      | 73       | 111     | -                   | 1        | 1       | 5                   | 8        | 13      | 43          | 82       | 125     |
| Number of different persons within the year, . . . . .        | -       | -        | -       | -                   | -        | -       | -                   | -        | -       | -           | -        | -       |
| Number of different persons admitted by commitment, . . . . . | 159     | 193      | 352     | -                   | 9        | 9       | 14                  | 11       | 25      | 524         | 713      | 1,237   |
| Number of different persons admitted by transfer, . . . . .   | 10      | 41       | 51      | -                   | -        | -       | -                   | -        | -       | 173         | 213      | 386     |
| Persons recovered, . . . . .                                  | 23      | 55       | 78      | -                   | -        | -       | -                   | -        | -       | -           | -        | -       |
| Daily average of patients, . . . . .                          | 329.53  | 477.93   | 807.46  | .43                 | 2.13     | 2.56    | 5.86                | 6.46     | 12.32   | 335.82      | 486.52   | 822.34  |
| Viz.: State patients, . . . . .                               | 256.21  | 348.82   | 600.03  | .18                 | .57      | .75     | -                   | -        | -       | 256.39      | 344.39   | 600.78  |
| town patients, . . . . .                                      | 38.22   | 63.22    | 101.44  | .25                 | .83      | 1.08    | -                   | -        | -       | 38.47       | 64.05    | 102.52  |
| private patients, . . . . .                                   | 35.10   | 65.89    | 105.99  | -                   | .73      | .73     | 5.86                | 6.46     | 12.32   | 40.96       | 78.08    | 119.04  |

2. — *Insane received on First and Subsequent Admissions.*

| NUMBER OF THE ADMISSION.                               | CASES ADMITTED. |          |         |
|--|-----------------|----------|---------|
|  | Males.          | Females. | Totals. |
| First, . . . . .                                       | 148             | 205      | 353     |
| Second, . . . . .                                      | 17              | 20       | 37      |
| Third, . . . . .                                       | 4               | 1        | 5       |
| Fourth, . . . . .                                      | 1               | 3        | 4       |
| Fifth, . . . . .                                       | —               | 3        | 3       |
| Sixth, . . . . .                                       | 2               | 3        | 5       |
| Seventh, . . . . .                                     | 1               | 1        | 2       |
| Total cases, . . . . .                                 | 173             | 236      | 409     |
| Total persons, . . . . .                               | 171             | 234      | 405     |
| Never before in any hospital for the insane, . . . . . | 126             | 152      | 278     |

3. — *Nativity and Parentage of Insane Persons First admitted to Any Hospital.*

| PLACES OF NATIVITY.                 | MALES.   |         |         | FEMALES. |         |         | TOTALS.  |         |         |
|-------------------------------------|----------|---------|---------|----------|---------|---------|----------|---------|---------|
|                                     | Patient. | Father. | Mother. | Patient. | Father. | Mother. | Patient. | Father. | Mother. |
| Massachusetts, . . . . .            | 51       | 24      | 28      | 57       | 27      | 25      | 108      | 51      | 53      |
| Other New England States, . . . . . | 17       | 15      | 12      | 18       | 20      | 21      | 35       | 35      | 33      |
| Other States, . . . . .             | 9        | 6       | 4       | 15       | 8       | 10      | 24       | 14      | 14      |
| Total native, . . . . .             | 77       | 45      | 44      | 90       | 55      | 56      | 167      | 100     | 100     |
| Austria, . . . . .                  | 2        | 2       | 2       | —        | —       | —       | 2        | 2       | 2       |
| British Provinces, . . . . .        | 10       | 8       | 10      | 10       | 9       | 13      | 20       | 17      | 23      |
| England, . . . . .                  | 7        | 6       | 7       | 7        | 8       | 8       | 14       | 14      | 15      |
| Finland, . . . . .                  | —        | —       | —       | 1        | 1       | 1       | 1        | 1       | 1       |
| France, . . . . .                   | 1        | 1       | 1       | —        | —       | 1       | 1        | 1       | 2       |
| Germany, . . . . .                  | 4        | 5       | 7       | 2        | 2       | 2       | 6        | 7       | 9       |
| Holland, . . . . .                  | —        | 1       | —       | —        | —       | —       | —        | 1       | —       |
| Ireland, . . . . .                  | 13       | 27      | 26      | 26       | 47      | 44      | 39       | 74      | 70      |
| Italy, . . . . .                    | 2        | 2       | 2       | 2        | 2       | 2       | 4        | 4       | 4       |
| Norway, . . . . .                   | 1        | 1       | 1       | 1        | 1       | 1       | 2        | 2       | 2       |
| Poland, . . . . .                   | 1        | —       | —       | —        | —       | —       | 1        | —       | —       |
| Porto Rico, . . . . .               | —        | —       | —       | 1        | 1       | 1       | 1        | 1       | 1       |
| Portugal, . . . . .                 | 1        | 1       | 1       | —        | —       | —       | 1        | 1       | 1       |
| Russia, . . . . .                   | 1        | 2       | 2       | 3        | 3       | 3       | 4        | 5       | 5       |
| Scotland, . . . . .                 | 1        | 4       | 2       | 3        | 6       | 3       | 4        | 10      | 5       |
| Sweden, . . . . .                   | 4        | 4       | 4       | 4        | 4       | 3       | 8        | 8       | 7       |
| Syria, . . . . .                    | 1        | 1       | 1       | 1        | 1       | 1       | 2        | 2       | 2       |
| Wales, . . . . .                    | —        | 1       | —       | —        | —       | —       | —        | 1       | —       |
| Total foreign, . . . . .            | 49       | 66      | 66      | 61       | 85      | 83      | 110      | 151     | 149     |
| Unknown, . . . . .                  | —        | 15      | 16      | 1        | 12      | 13      | 1        | 27      | 29      |
| Totals, . . . . .                   | 126      | 126     | 126     | 152      | 152     | 152     | 278      | 278     | 278     |

4. — Residence of Insane Persons admitted by Commitment.

| PLACES.                       | FIRST ADMITTED TO ANY HOSPITAL. |          |         | ALL OTHER ADMISSIONS. |          |         |
|-------------------------------|---------------------------------|----------|---------|-----------------------|----------|---------|
|                               | Males.                          | Females. | Totals. | Males.                | Females. | Totals. |
| Barnstable County, . . . . .  | -                               | 1        | 1       | -                     | 1        | 1       |
| Berkshire County, . . . . .   | 1                               | -        | 1       | 1                     | 2        | 3       |
| Bristol County, . . . . .     | 2                               | 1        | 3       | 2                     | 4        | 6       |
| Essex County, . . . . .       | -                               | 6        | 6       | -                     | 1        | 1       |
| Franklin County, . . . . .    | -                               | -        | -       | 1                     | -        | 1       |
| Hampshire County, . . . . .   | -                               | -        | -       | 1                     | -        | 1       |
| Middlesex County, . . . . .   | 37                              | 40       | 77      | 15                    | 12       | 27      |
| Nantucket County, . . . . .   | -                               | -        | -       | -                     | 1        | 1       |
| Norfolk County, . . . . .     | 14                              | 16       | 30      | 3                     | 11       | 14      |
| Plymouth County, . . . . .    | 2                               | 3        | 5       | 1                     | 6        | 7       |
| Suffolk County, . . . . .     | 67                              | 75       | 142     | 19                    | 43       | 62      |
| Worcester County, . . . . .   | 3                               | 8        | 11      | 4                     | 3        | 7       |
| Unknown, . . . . .            | -                               | -        | -       | -                     | -        | -       |
| From New Hampshire, . . . . . | -                               | 1        | 1       | -                     | -        | -       |
| From New York, . . . . .      | -                               | 1        | 1       | -                     | -        | -       |
| Totals, . . . . .             | 126                             | 152      | 278     | 47                    | 84       | 131     |
| Cities and towns, . . . . .   | 100                             | 115      | 215     | 32                    | 58       | 90      |
| Country districts, . . . . .  | 26                              | 37       | 63      | 15                    | 26       | 41      |

5. — Civil Condition of Insane Persons First admitted to Any Hospital.

|                      | Males. | Females. | Totals. |
|----------------------|--------|----------|---------|
| Unmarried, . . . . . | 62     | 65       | 127     |
| Married, . . . . .   | 46     | 55       | 101     |
| Widowed, . . . . .   | 14     | 31       | 45      |
| Divorced, . . . . .  | 3      | 1        | 4       |
| Unknown, . . . . .   | 1      | -        | 1       |
| Totals, . . . . .    | 126    | 152      | 278     |

6. — *Occupations of Insane Persons First admitted to Any Hospital.*

## MALES.

|                                |    |                          |     |
|--------------------------------|----|--------------------------|-----|
| Agent, . . . . .               | 1  | None, . . . . .          | 17  |
| Bakers, . . . . .              | 2  | Office boy, . . . . .    | 1   |
| Barber, . . . . .              | 1  | Operatives, . . . . .    | 12  |
| Bartender, . . . . .           | 1  | Painters, . . . . .      | 3   |
| Blacksmiths, . . . . .         | 3  | Paperhanger, . . . . .   | 1   |
| Bookkeeper, . . . . .          | 1  | Peddler, . . . . .       | 1   |
| Butchers, . . . . .            | 2  | Physician, . . . . .     | 1   |
| Carpenters, . . . . .          | 2  | Plasterer, . . . . .     | 1   |
| Cattle dealer, . . . . .       | 1  | Rubber worker, . . . . . | 1   |
| Cigarmaker, . . . . .          | 1  | Sailors, . . . . .       | 3   |
| Clerk, . . . . .               | 1  | Salesman, . . . . .      | 1   |
| Cutler, . . . . .              | 1  | Sea captain, . . . . .   | 1   |
| Cutter, . . . . .              | 1  | Seaman, . . . . .        | 1   |
| Dentist, . . . . .             | 1  | Ship joiner, . . . . .   | 1   |
| Electrician, . . . . .         | 1  | Shipper, . . . . .       | 1   |
| Engineer, . . . . .            | 1  | Sign painter, . . . . .  | 1   |
| Errand boy, . . . . .          | 1  | Stair builder, . . . . . | 1   |
| Farmers, . . . . .             | 6  | Steam fitter, . . . . .  | 1   |
| Fisherman, . . . . .           | 1  | Steward, . . . . .       | 1   |
| Gardener, . . . . .            | 1  | Stone cutters, . . . . . | 2   |
| Grocer, . . . . .              | 1  | Tailors, . . . . .       | 3   |
| Inventor, . . . . .            | 1  | Teamsters, . . . . .     | 2   |
| Janitors, . . . . .            | 2  | Upholsterer, . . . . .   | 1   |
| Jewellers, . . . . .           | 2  | Victualler, . . . . .    | 1   |
| Laborers, . . . . .            | 16 | Waiter, . . . . .        | 1   |
| Lithographer, . . . . .        | 1  | Watchmaker, . . . . .    | 1   |
| Manufacturers, . . . . .       | 2  | Watchman, . . . . .      | 1   |
| Marketman, . . . . .           | 1  |                          |     |
| Mason, . . . . .               | 1  | Total, . . . . .         | 124 |
| Mechanical engineer, . . . . . | 1  | Unknown, . . . . .       | 2   |
| Merchants, . . . . .           | 2  |                          |     |
| Milkman, . . . . .             | 1  | Total, . . . . .         | 126 |
| Motorman, . . . . .            | 1  |                          |     |



6. — *Occupations of Insane Persons First admitted — Concluded.*

## FEMALES.

|                          |    |                         |     |
|--------------------------|----|-------------------------|-----|
| Bookkeeper, . . . . .    | 1  | None, . . . . .         | 26  |
| Boxmakers, . . . . .     | 2  | Nurses, . . . . .       | 2   |
| Clerks, . . . . .        | 2  | Operatives, . . . . .   | 5   |
| Compositor, . . . . .    | 1  | Seamstresses, . . . . . | 3   |
| Cooks, . . . . .         | 2  | Shop girl, . . . . .    | 1   |
| Copyist, . . . . .       | 1  | Stenographer, . . . . . | 1   |
| Domestics, . . . . .     | 25 | Straw worker, . . . . . | 1   |
| Dressmakers, . . . . .   | 3  | Students, . . . . .     | 2   |
| Housekeepers, . . . . .  | 4  | Tailoress, . . . . .    | 1   |
| Housewives, . . . . .    | 10 | Teachers, . . . . .     | 2   |
| Japanner, . . . . .      | 1  | Waitress, . . . . .     | 1   |
| Laundresses, . . . . .   | 2  | Weavers, . . . . .      | 2   |
| Milliners, . . . . .     | 3  |                         |     |
| Music teacher, . . . . . | 1  | Total, . . . . .        | 105 |

## WIFE OR DAUGHTER OF —

|                            |   |                             |     |
|----------------------------|---|-----------------------------|-----|
| Blacksmiths, . . . . .     | 2 | Nurse, . . . . .            | 1   |
| Butcher, . . . . .         | 1 | Painters, . . . . .         | 2   |
| Clergyman, . . . . .       | 1 | Printer, . . . . .          | 1   |
| Clerks, . . . . .          | 2 | Runs on elevator, . . . . . | 1   |
| Dyer, . . . . .            | 1 | Ropemaker, . . . . .        | 1   |
| Electrician, . . . . .     | 1 | Shoemakers, . . . . .       | 2   |
| Engineers, . . . . .       | 2 | Tailor, . . . . .           | 1   |
| Farmers, . . . . .         | 3 | Teacher, . . . . .          | 1   |
| Fireman, . . . . .         | 1 | Teamsters, . . . . .        | 2   |
| Foremen, . . . . .         | 2 | Victualler, . . . . .       | 1   |
| Fruit peddler, . . . . .   | 1 | Weaver, . . . . .           | 1   |
| Grocers, . . . . .         | 2 |                             |     |
| Hotel keeper, . . . . .    | 1 | Total, . . . . .            | 43  |
| Insurance agent, . . . . . | 1 | Unknown, . . . . .          | 4   |
| Jeweller, . . . . .        | 1 |                             |     |
| Laborers, . . . . .        | 3 | Total, . . . . .            | 47  |
| Lawyer, . . . . .          | 1 |                             |     |
| Machinists, . . . . .      | 2 | Whole total, . . . . .      | 152 |
| Mason, . . . . .           | 1 |                             |     |



| Mental:—                             |   |   |   |   |   |     |     |     |    |    |    |
|--------------------------------------|---|---|---|---|---|-----|-----|-----|----|----|----|
| Disappointment,                      | . | . | . | . | . | .   | 1   | 1   | -  | -  | -  |
| Epilepsy,                            | . | . | . | . | . | 3   | -   | 3   | -  | 1  | -  |
| Fright,                              | . | . | . | . | . | -   | 1   | 1   | -  | -  | -  |
| Grief, .                             | . | . | . | . | . | -   | 3   | 3   | -  | -  | -  |
| Hereditv,                            | . | . | . | . | . | 5   | 12  | 17  | 5  | 1  | -  |
| Overstudy,                           | . | . | . | . | . | 1   | -   | -   | -  | -  | -  |
| Religious excitement,                | . | . | . | . | . | -   | 3   | 3   | -  | -  | -  |
| Religious excitement and ill health, | . | . | . | . | . | -   | 1   | 1   | -  | -  | -  |
| Worry,                               | . | . | . | . | . | 7   | 16  | 23  | 2  | 2  | -  |
| Worry and fear,                      | . | . | . | . | . | -   | 2   | 2   | -  | -  | -  |
| Worry and grief,                     | . | . | . | . | . | 1   | 3   | 4   | -  | -  | -  |
| Worry and ill health,                | . | . | . | . | . | -   | 1   | 1   | -  | -  | -  |
| Worry and overwork,                  | . | . | . | . | . | -   | 1   | 1   | -  | -  | -  |
| Totals,                              | . | . | . | . | . | 17  | 44  | 61  | 7  | 15 | 22 |
| Unknown,                             | . | . | . | . | . | 12  | 36  | 48  | -  | -  | -  |
| Totals,                              | . | . | . | . | . | 126 | 152 | 278 | 13 | 19 | 32 |

8. — *Ages of Insane at First Attack, Admission and Death.*

| AGES.                                 | PERSONS FIRST ADMITTED TO ANY HOSPITAL. |          |         |                | PERSONS DIED. |         |                  |          |         |                   |          |         |
|---------------------------------------|---|----------|---------|----------------|---------------|---------|------------------|----------|---------|-------------------|----------|---------|
|                                       | AT FIRST ATTACK.                        |          |         | WHEN ADMITTED. |               |         | AT FIRST ATTACK. |          |         | AT TIME OF DEATH. |          |         |
|                                       | Males.                                  | Females. | Totals. | Males.         | Females.      | Totals. | Males.           | Females. | Totals. | Males.            | Females. | Totals. |
| Congenital, . . . . .                 | 5                                       | 4        | 9       | —              | —             | —       | 3                | —        | 3       | —                 | —        | —       |
| 15 years and less, . . . . .          | —                                       | 1        | 1       | —              | —             | —       | —                | —        | —       | —                 | —        | —       |
| From 15 to 20 years, . . . . .        | 5                                       | 9        | 14      | 6              | 11            | 17      | —                | 2        | 2       | 1                 | —        | 1       |
| 20 to 25 years, . . . . .             | 8                                       | 9        | 17      | 16             | 11            | 27      | —                | 2        | 2       | 1                 | 1        | 2       |
| 25 to 30 years, . . . . .             | 10                                      | 18       | 28      | 11             | 19            | 30      | 2                | 1        | 3       | 2                 | 1        | 3       |
| 30 to 35 years, . . . . .             | 8                                       | 14       | 22      | 11             | 19            | 30      | 1                | 4        | 5       | 3                 | 3        | 6       |
| 35 to 40 years, . . . . .             | 4                                       | 9        | 13      | 8              | 13            | 21      | 3                | 3        | 6       | 4                 | 3        | 7       |
| 40 to 50 years, . . . . .             | 17                                      | 23       | 40      | 20             | 27            | 47      | 11               | 3        | 14      | 14                | 4        | 18      |
| 50 to 60 years, . . . . .             | 18                                      | 20       | 38      | 25             | 24            | 49      | 7                | 8        | 15      | 15                | 8        | 23      |
| 60 to 70 years, . . . . .             | 15                                      | 11       | 26      | 14             | 17            | 31      | 8                | 10       | 18      | 9                 | 13       | 22      |
| 70 to 80 years, . . . . .             | 8                                       | 7        | 15      | 12             | 10            | 22      | 4                | 3        | 7       | 9                 | 7        | 16      |
| Over 80 years, . . . . .              | 1                                       | 1        | 2       | 3              | 1             | 4       | 2                | —        | 2       | 5                 | 1        | 6       |
| Totals, . . . . .                     | 99                                      | 126      | 225     | 126            | 152           | 278     | 41               | 36       | 77      | 63                | 41       | 104     |
| Unknown, . . . . .                    | 27                                      | 26       | 53      | —              | —             | —       | 22               | 5        | 27      | —                 | —        | —       |
| Totals, . . . . .                     | 126                                     | 152      | 278     | 126            | 152           | 278     | 63               | 41       | 104     | 63                | 41       | 104     |
| Mean known ages (in years), . . . . . | 43.58                                   | 40.25    | 41.71   | 45.04          | 42.32         | 43.19   | 50.19            | 49.83    | 50.26   | 54.30             | 56.82    | 55.60   |



9. — *Probable Duration of Mental Disease before Admission.*

| PREVIOUS DURATION.                   | FIRST ADMITTED TO ANY HOSPITAL. |          |         |
|--------------------------------------|---------------------------------|----------|---------|
|                                      | Males.                          | Females. | Totals. |
| Congenital, . . . . .                | 5                               | 4        | 9       |
| Under 1 month, . . . . .             | 19                              | 37       | 56      |
| From 1 to 3 months, . . . . .        | 19                              | 29       | 48      |
| 3 to 6 months, . . . . .             | 18                              | 14       | 32      |
| 6 to 12 months, . . . . .            | 4                               | 7        | 11      |
| 1 to 2 years, . . . . .              | 15                              | 14       | 29      |
| 2 to 5 years, . . . . .              | 7                               | 9        | 16      |
| 5 to 10 years, . . . . .             | 10                              | 8        | 18      |
| 10 to 20 years, . . . . .            | 3                               | 4        | 7       |
| Over 20 years, . . . . .             | —                               | —        | —       |
| Totals, . . . . .                    | 100                             | 126      | 226     |
| Unknown, . . . . .                   | 26                              | 26       | 52      |
| Totals, . . . . .                    | 126                             | 152      | 278     |
| Average known duration (in years), . | 2.77                            | 2.10     | 2.40    |

10. — Form of Mental Disease in Cases admitted or discharged, with Condition on Discharge.

| FORM OF DISEASE.                       | CASES ADMITTED. |          |         | CASES DISCHARGED. |          |         |                |          |         |           |          |         |               |          |         | AGGREGATES. |          |         |
|--|-----------------|----------|---------|-------------------|----------|---------|----------------|----------|---------|-----------|----------|---------|---------------|----------|---------|-------------|----------|---------|
|  | Males.          | Females. | Totals. | RECOVERED.        |          |         | MUCH IMPROVED. |          |         | IMPROVED. |          |         | NOT IMPROVED. |          |         | DIED.       |          |         |
|  |                 |          |         | Males.            | Females. | Totals. | Males.         | Females. | Totals. | Males.    | Females. | Totals. | Males.        | Females. | Totals. | Males.      | Females. | Totals. |
| A. — First admitted to any hospital: — |                 |          |         |                   |          |         |                |          |         |           |          |         |               |          |         |             |          |         |
| Alcoholic insanity, . . . . .          | 24              | 6        | 30      | 7                 | 3        | 10      | —              | —        | —       | 2         | —        | 2       | —             | —        | —       | 4           | —        | 4       |
| Dementia, organic, . . . . .           | 11              | 3        | 14      | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | 6           | —        | 6       |
| Dementia, præcox, . . . . .            | 26              | 27       | 53      | 3                 | 5        | 8       | 2              | 4        | 6       | 2         | 3        | 5       | 2             | 1        | 3       | 1           | 13       | 14      |
| Dementia, senile, . . . . .            | 16              | 21       | 37      | —                 | —        | —       | —              | —        | —       | 1         | 3        | 4       | 1             | —        | —       | 14          | —        | 27      |
| Dementia, terminal, . . . . .          | —               | 8        | 9       | —                 | —        | —       | —              | —        | —       | 1         | 1        | 2       | —             | —        | —       | 2           | —        | 7       |
| Epileptic insanity, . . . . .          | 3               | 4        | 7       | —                 | —        | —       | —              | —        | —       | 1         | —        | 1       | —             | —        | —       | 2           | —        | 2       |
| Exhaustion psychosis, . . . . .        | 1               | 1        | 2       | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | —           | —        | —       |
| General paresis, . . . . .             | 20              | 6        | 26      | —                 | —        | —       | —              | —        | —       | 3         | —        | 3       | 1             | —        | —       | 20          | —        | 25      |
| Hysterical insanity, . . . . .         | 1               | —        | 1       | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | —           | —        | —       |
| Imbecility, . . . . .                  | 5               | 4        | 9       | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | 3           | —        | 3       |
| Manic depressive, . . . . .            | 7               | 38       | 45      | 8                 | 34       | 42      | —              | 2        | 3       | —         | —        | —       | 2             | 1        | 3       | —           | 38       | —       |
| Involution melancholia, . . . . .      | 2               | 11       | 13      | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | —           | —        | —       |
| Paranoia, . . . . .                    | 2               | 15       | 17      | —                 | —        | —       | —              | —        | —       | 3         | 3        | 6       | 1             | 2        | 3       | 2           | 8        | 4       |
| Toxic insanity, . . . . .              | —               | 1        | 1       | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | —           | —        | —       |
| Traumatic insanity, . . . . .          | —               | —        | —       | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | —           | —        | —       |
| Undiagnosed, . . . . .                 | 6               | 7        | 13      | —                 | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | —           | —        | —       |
| Total A, . . . . .                     | 126             | 152      | 278     | 18                | 47       | 65      | 9              | 9        | 18      | 13        | 10       | 23      | 13            | 4        | 17      | 53          | 27       | 80      |



*11. — Discharges of the Insane classified by Admission and Result.*

| NUMBER OF THE ADMISSION.                  | RECOVERED. |          |         | MUCH IMPROVED. |          |         | IMPROVED. |          |         | NOT IMPROVED. |          |         | DIED.  |          |         | TOTALS. |          |         |
|---|------------|----------|---------|----------------|----------|---------|-----------|----------|---------|---------------|----------|---------|--------|----------|---------|---------|----------|---------|
|   | Males.     | Females. | Totals. | Males.         | Females. | Totals. | Males.    | Females. | Totals. | Males.        | Females. | Totals. | Males. | Females. | Totals. | Males.  | Females. | Totals. |
|   |            |          |         |                |          |         |           |          |         |               |          |         |        |          |         |         |          |         |
| First, . . . . .                          | 19         | 48       | 67      | 14             | 12       | 26      | 15        | 13       | 28      | 13            | 9        | 22      | 59     | 37       | 96      | 120     | 122      | 242     |
| Second, . . . . .                         | 1          | 5        | 6       | 4              | 1        | 5       | 2         | 3        | 5       | —             | 1        | 1       | —      | 3        | 3       | 7       | 13       | 20      |
| Third, . . . . .                          | 2          | —        | 2       | —              | —        | —       | —         | —        | —       | —             | —        | —       | 4      | 1        | 5       | 6       | 1        | 7       |
| Fourth, . . . . .                         | —          | 1        | 1       | 1              | —        | 1       | —         | —        | —       | —             | —        | —       | —      | —        | —       | 1       | 1        | 2       |
| Fifth, . . . . .                          | —          | 1        | 1       | —              | —        | —       | —         | 1        | 1       | —             | —        | —       | —      | —        | —       | —       | 2        | 2       |
| Sixth, . . . . .                          | —          | —        | —       | 1              | —        | 1       | —         | —        | —       | —             | —        | —       | —      | —        | —       | 1       | —        | 1       |
| Seventh, . . . . .                        | 1          | —        | 1       | 1              | —        | 1       | —         | —        | —       | —             | —        | —       | —      | —        | —       | 2       | —        | 2       |
| Total cases, . . . . .                    | 23         | 55       | 78      | 21             | 13       | 34      | 17        | 17       | 34      | 13            | 10       | 23      | 63     | 41       | 104     | 137     | 139      | 276     |
| Total persons, . . . . .                  | —          | —        | —       | —              | —        | —       | —         | —        | —       | —             | —        | —       | —      | —        | —       | 136     | 139      | 275     |
| First admitted to any hospital, . . . . . | 18         | 47       | 65      | 9              | 9        | 18      | 13        | 10       | 23      | 13            | 4        | 17      | 53     | 27       | 80      | 106     | 97       | 203     |



## 12. — Causes of Death, and Form of Mental Disease in Persons who died.

| CAUSES.  | AGGREGATES. |          |         | MANIC DEPRESSIVE. |          |         | DEMENTIA PRÆCOX. |          |         | ALCOHOLIC INSANITY. |          |         | EXHAUSTION PSYCHOSIS. |          |         | TRAUMATIC INSANITY. |          |         | PARANOIA. |          |         |
|--|-------------|----------|---------|-------------------|----------|---------|------------------|----------|---------|---------------------|----------|---------|-----------------------|----------|---------|---------------------|----------|---------|-----------|----------|---------|
|  | Males.      | Females. | Totals. | Males.            | Females. | Totals. | Males.           | Females. | Totals. | Males.              | Females. | Totals. | Males.                | Females. | Totals. | Males.              | Females. | Totals. | Males.    | Females. | Totals. |
| Nervous system : —                                 |             |          |         |                   |          |         |                  |          |         |                     |          |         |                       |          |         |                     |          |         |           |          |         |
| Exhaustion of organic dementia, . . . . .          | 3           | 1        | 4       | —                 | 1        | 1       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| terminal dementia, . . . . .                       | —           | 8        | 8       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| senile dementia, . . . . .                         | 11          | 15       | 26      | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| general paresis, . . . . .                         | 24          | 5        | 29      | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| paranoia, . . . . .                                | —           | —        | —       | —                 | —        | —       | 1                | —        | 1       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| epileptic insanity, . . . . .                      | —           | 1        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| syphilitic insanity, . . . . .                     | —           | —        | —       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| manic depressive, . . . . .                        | —           | 1        | 1       | —                 | 1        | 1       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Acute leptomenigitis, . . . . .                    | —           | —        | —       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Acute myelitis, . . . . .                          | —           | —        | —       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Status epilepticus, . . . . .                      | 1           | 1        | 2       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Pachymeningitis and hæmorrhagia interna, . . . . . | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | 1                   | —        | 1       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Respiratory system : —                             |             |          |         |                   |          |         |                  |          |         |                     |          |         |                       |          |         |                     |          |         |           |          |         |
| Pneumonia, . . . . .                               | 4           | —        | 4       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Pneumonia and tuberculous, . . . . .               | 1           | —        | 1       | 1                 | —        | 1       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Phthisis pulmonalis, . . . . .                     | 3           | 1        | 4       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Circulatory system : —                             |             |          |         |                   |          |         |                  |          |         |                     |          |         |                       |          |         |                     |          |         |           |          |         |
| Rheumatic fever and cardiac disease, . . . . .     | —           | 1        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Apoplexy, . . . . .                                | —           | 3        | 3       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Internal hæmorrhage, . . . . .                     | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| General : —  |             |          |         |                   |          |         |                  |          |         |                     |          |         |                       |          |         |                     |          |         |           |          |         |
| Accidental burn, . . . . .                         | —           | 1        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Chronic diarrhoea, . . . . .                       | —           | 1        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Accidental strangulation, . . . . .                | —           | —        | —       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Interstitial nephritis and cystitis, . . . . .     | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Effect of severe burns, . . . . .                  | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | 1                   | —        | 1       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Intestinal obstruction, . . . . .                  | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| General tuberculous, . . . . .                     | —           | 2        | 2       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Diffuse nephritis, . . . . .                       | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Carcinoma of abdominal organs, . . . . .           | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Tubercular peritonitis, . . . . .                  | 1           | —        | 1       | —                 | —        | —       | —                | —        | —       | —                   | —        | —       | —                     | —        | —       | —                   | —        | —       | —         | —        | —       |
| Totals, . . . . .                                  | 63          | 41       | 104     | 1                 | 2        | 3       | 1                | —        | 1       | 3                   | —        | 3       | 1                     | 1        | 2       | 1                   | —        | 1       | 3         | 3        | 6       |

## 12. — Causes of Death, and Form of Mental Disease in Persons who died — Concluded.

| CAUSES.                                   | EPILEPTIC INSANITY. |          |         | GENERAL PARESIS. |          |         | TERMINAL DEMENTIA. |          |         | SENILE DEMENTIA. |          |         | ORGANIC DEMENTIA. |          |         | IMBECILITY. |          |         |
|---|---------------------|----------|---------|------------------|----------|---------|--------------------|----------|---------|------------------|----------|---------|-------------------|----------|---------|-------------|----------|---------|
|   | Males.              | Females. | Totals. | Males.           | Females. | Totals. | Males.             | Females. | Totals. | Males.           | Females. | Totals. | Males.            | Females. | Totals. | Males.      | Females. | Totals. |
| Nervous system : —                        |                     |          |         |                  |          |         |                    |          |         |                  |          |         |                   |          |         |             |          |         |
| Exhaustion of organic dementia,           | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| terminal dementia,                        | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| senile dementia,                          | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| general paresis,                          | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| paranoia,                                 | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| epileptic insanity,                       | .                   | 1        | 1       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| syphilitic insanity,                      | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| manic depressive,                         | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Acute leptomenigitis,                     | .                   | .        | .       | 4                | .        | 4       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Acute myelitis,                           | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Status epilepticus,                       | .                   | 1        | 1       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | 1           | .        | 1       |
| Facchymenigitis and hæmorrhagica interna, | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Respiratory system : —                    |                     |          |         |                  |          |         |                    |          |         |                  |          |         |                   |          |         |             |          |         |
| Pneumonia,                                | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Pneumonia and tuberculosis,               | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Phthisis pulmonalis,                      | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Circulatory system : —                    |                     |          |         |                  |          |         |                    |          |         |                  |          |         |                   |          |         |             |          |         |
| Rheumatic fever and cardiac disease,      | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Apoplexy,                                 | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Internal hæmorrhage,                      | .                   | .        | .       | 1                | .        | 1       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| General : —                               |                     |          |         |                  |          |         |                    |          |         |                  |          |         |                   |          |         |             |          |         |
| Accidental burn,                          | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Chronic diarrhœa,                         | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Accidental strangulation,                 | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Interstitial nephritis and cystitis,      | .                   | .        | .       | 1                | .        | 1       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Effect of severe burns,                   | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Intestinal obstruction,                   | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| General tuberculosis,                     | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Diffuse nephritis,                        | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Carcinoma of abdominal organs,            | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Tubercular peritonitis,                   | .                   | .        | .       | .                | .        | .       | .                  | .        | .       | .                | .        | .       | .                 | .        | .       | .           | .        | .       |
| Totals,                                   | .                   | 2        | 2       | 29               | 7        | 36      | 2                  | 10       | 12      | 15               | 14       | 29      | 4                 | 2        | 6       | 3           | .        | 3       |

13. — Duration of Mental Disease and its Treatment in Persons recovered and died.

| PERIOD.                             | FIRST ADMITTED TO ANY HOSPITAL. |          |         |                     |          |         | ALL OTHER ADMISSIONS. |          |         |   |          |         |
|-------------------------------------|---------------------------------|----------|---------|---------------------|----------|---------|-----------------------|----------|---------|---|----------|---------|
|                                     | DURATION BEFORE ADMISSION.      |          |         | HOSPITAL RESIDENCE. |          |         | WHOLE DURATION.       |          |         | WHOLE KNOWN DURATION OF MENTAL DISEASE. |          |         |
|                                     | Males.                          | Females. | Totals. | Males.              | Females. | Totals. | Males.                | Females. | Totals. | Males.                                  | Females. | Totals. |
|                                     |                                 |          |         |                     |          |         |                       |          |         |   |          |         |
| A. — Recovered : —                  |                                 |          |         |                     |          |         |                       |          |         |   |          |         |
| Congenital,                         | .                               | .        | .       | .                   | .        | .       | .                     | .        | .       | .                                       | .        | .       |
| Under 1 month,                      | .                               | .        | .       | .                   | .        | .       | .                     | .        | .       | .                                       | .        | .       |
| From 1 to 3 months,                 | 4                               | 17       | 21      | —                   | —        | —       | —                     | —        | —       | —                                       | —        | —       |
| 3 to 6 months,                      | 3                               | 11       | 14      | 3                   | 8        | 11      | 2                     | 4        | 6       | —                                       | —        | —       |
| 6 to 12 months,                     | 2                               | 5        | 7       | 8                   | 21       | 29      | 5                     | 19       | 24      | —                                       | —        | —       |
| 1 to 2 years,                       | 3                               | 3        | 6       | 4                   | 15       | 19      | 5                     | 15       | 20      | —                                       | —        | —       |
| 2 to 5 years,                       | 2                               | 4        | 6       | 2                   | 5        | 7       | 3                     | 8        | 11      | 1                                       | 2        | 3       |
| 5 to 10 years,                      | 1                               | —        | 1       | 1                   | —        | 1       | 3                     | 1        | 4       | 2                                       | 2        | 6       |
| 10 to 20 years,                     | —                               | 1        | 1       | —                   | —        | —       | —                     | 1        | 2       | —                                       | —        | —       |
| Over 20 years, .                    | —                               | —        | —       | —                   | —        | —       | —                     | —        | —       | —                                       | —        | —       |
| Totals,                             | 15                              | 42       | 57      | 18                  | 49       | 67      | 18                    | 49       | 67      | 5                                       | 6        | 11      |
| Unknown,                            | 3                               | 7        | 10      | —                   | —        | —       | —                     | —        | —       | —                                       | —        | —       |
| Totals,                             | 18                              | 49       | 67      | 18                  | 49       | 67      | 18                    | 49       | 67      | 5                                       | 6        | 11      |
| Average of known cases (in months), | 7.20                            | 5.50     | 5.96    | 6.72                | 5.67     | 5.95    | 12.72                 | 9.84     | 10.60   | 30.30                                   | 16.66    | 16.82   |

## 13. — Duration of Mental Disease and its Treatment in Persons recovered and died — Concluded.

| PERIOD.                             | FIRST ADMITTED TO ANY HOSPITAL. |          |         |                     |          |         | ALL OTHER ADMISSIONS. |          |         |   |          |         |
|-------------------------------------|---------------------------------|----------|---------|---------------------|----------|---------|-----------------------|----------|---------|---|----------|---------|
|                                     | DURATION BEFORE ADMISSION.      |          |         | HOSPITAL RESIDENCE. |          |         | WHOLE DURATION.       |          |         | WHOLE KNOWN DURATION OF MENTAL DISEASE. |          |         |
|                                     | Males.                          | Females. | Totals. | Males.              | Females. | Totals. | Males.                | Females. | Totals. | Males.                                  | Females. | Totals. |
|                                     |                                 |          |         |                     |          |         |                       |          |         |   |          |         |
| B. — Died : —                       |                                 |          |         |                     |          |         |                       |          |         |   |          |         |
| Congenital, . . . . .               | 3                               | —        | 3       | —                   | —        | —       | —                     | —        | —       | —                                       | —        | —       |
| Under 1 month, . . . . .            | 5                               | 6        | 11      | 11                  | 4        | 15      | 3                     | 3        | 6       | 1                                       | —        | 1       |
| From 1 to 3 months, . . . . .       | 4                               | 3        | 7       | 5                   | 4        | 9       | 2                     | 1        | 3       | 1                                       | 1        | 2       |
| 3 to 6 months, . . . . .            | 9                               | 4        | 13      | 3                   | 2        | 5       | 4                     | —        | 4       | —                                       | 1        | 1       |
| 6 to 12 months, . . . . .           | 2                               | 1        | 3       | 10                  | 3        | 13      | 10                    | 3        | 13      | 2                                       | 4        | 6       |
| 1 to 2 years, . . . . .             | 4                               | 2        | 6       | 10                  | 9        | 19      | 9                     | 5        | 14      | 1                                       | 1        | 3       |
| 2 to 5 years, . . . . .             | 4                               | 5        | 9       | 12                  | 3        | 15      | 15                    | 10       | 25      | 4                                       | 3        | 7       |
| 5 to 10 years, . . . . .            | 3                               | 2        | 5       | 2                   | 2        | 4       | 6                     | 4        | 10      | 1                                       | 2        | 2       |
| 10 to 20 years, . . . . .           | 1                               | 1        | 2       | —                   | —        | —       | 2                     | 1        | 3       | —                                       | 2        | 2       |
| Over 20 years, . . . . .            | —                               | —        | —       | —                   | —        | —       | 2                     | —        | 2       | —                                       | —        | —       |
| Totals, . . . . .                   | 35                              | 24       | 59      | 53                  | 27       | 80      | 53                    | 27       | 80      | 10                                      | 14       | 24      |
| Unknown, . . . . .                  | 18                              | 3        | 21      | —                   | —        | —       | —                     | —        | —       | —                                       | —        | —       |
| Totals, . . . . .                   | 53                              | 27       | 80      | 53                  | 27       | 80      | 53                    | 27       | 80      | 10                                      | 14       | 24      |
| Average of known cases (in months), | 36.87                           | 17.50    | 29.18   | 17.87               | 19.35    | 18.40   | 45.40                 | 33.50    | 41.15   | 29.57                                   | 68.55    | 49.81   |



## LIST OF PERSONS

EMPLOYED AT WESTBOROUGH INSANE HOSPITAL SEPT. 30, 1904.

---

|   |                      |
|---|----------------------|
| Superintendent and physician, . . . . .             | \$3,000 00 per year. |
| Assistant superintendent and physician, . . . . .   | 1,800 00 "           |
| Assistant physicians (three), each, . . . . .       | 1,000 00 "           |
| Assistant physicians (two), each, . . . . .         | 600 00 "             |
| Pathologist, . . . . .                              | 1,200 00 "           |
| Steward, . . . . .                                  | 1,200 00 "           |
| Treasurer, . . . . .                                | 450 00 "             |
| Clerk, . . . . .                                    | 50 00 per month.     |
| Clerk, assistant, . . . . .                         | 30 00 "              |
| Secretary to superintendent, . . . . .              | 30 00 "              |
| Record clerk, . . . . .                             | 35 00 "              |
| Pharmacist, . . . . .                               | 18 00 "              |
| Supervisor (male), . . . . .                        | 55 00 "              |
| Supervisor (female), . . . . .                      | 75 00 "              |
| Assistant supervisor (female, two), each, . . . . . | 25 00 "              |
| Head seamstress, . . . . .                          | 30 00 "              |
| Seamstresses (four), . . . . .                      | \$14 00 to 20 00 "   |
| Nurses (male, forty-one), . . . . .                 | 20 00 to 33 00 "     |
| Nurses (female, sixty), . . . . .                   | 14 00 to 25 00 "     |
| Night watchman, . . . . .                           | 32 00 "              |
| Baker, . . . . .                                    | 80 00 "              |
| Storekeeper, . . . . .                              | 28 00 "              |
| Meat cutter, . . . . .                              | 40 00 "              |
| Office girl, . . . . .                              | 16 00 "              |
| Hall boy, . . . . .                                 | 12 00 "              |
| Housekeeper, . . . . .                              | 25 00 "              |
| Cook (male), . . . . .                              | 55 00 "              |
| Cook (female), . . . . .                            | 28 00 "              |
| Cook (Talbot, female), . . . . .                    | 30 00 "              |
| Cook (Stanley, female), . . . . .                   | 24 00 "              |
| Cook (Osgood, female), . . . . .                    | 24 00 "              |
| Cook (Warren, female), . . . . .                    | 25 00 "              |
| Cook (Speare, female), . . . . .                    | 24 00 "              |
| Cook (Richmond, female), . . . . .                  | 25 00 "              |
| Cook (farm house, female), . . . . .                | 25 00 "              |
| Under cook, . . . . .                               | 22 00 "              |
| Head laundress, . . . . .                           | 50 00 "              |

|  |                                |
|--|--------------------------------|
| Laundry helpers (male, two), . . .     | \$25 00 and \$30 00 per month. |
| Laundry helpers (female, five), . . .  | 16 00 to 20 00 “               |
| Kitchen helpers (male, three), . . .   | 14 00 to 20 00 “               |
| Kitchen helpers (female, three), . . . | 14 00 to 18 00 “               |
| Basement boys (three), . . .           | 16 00 to 20 00 “               |
| Scullery man, . . .                    | 20 00 “                        |
| Waitresses (six), . . .                | 14 00 to 18 00 “               |
| Chambermaid, . . .                     | 14 00 “                        |
| Head carpenter, . . .                  | 75 00 “                        |
| Carpenters (two), . . .                | 2 35 and 2 50 per day.         |
| Painter, . . .                         | 2 35 “                         |
| Mason, . . .                           | 16 50 per week.                |
| Engineer, . . .                        | 1,200 00 per year.             |
| Assistant engineers (two), . . .       | 45 00 to 50 00 per month.      |
| Assistant engineers (two), each, . . . | 30 00 “                        |
| Engineer's helpers (two), . . .        | 28 00 to 30 00 “               |
| Firemen (five), each, . . .            | 30 00 “                        |
| Farmer, . . .                          | 1,000 00 per year.             |
| Farm foreman, . . .                    | 35 00 per month.               |
| Farm watchman, . . .                   | 25 00 “                        |
| Farm laborers (fifteen), . . .         | 20 00 to 28 00 “               |
| Gardener, . . .                        | 60 00 “                        |
| Gardener's assistants (two), . . .     | 20 00 to 25 00 “               |
| Coachman, . . .                        | 34 00 “                        |
| Errand man, . . .                      | 18 00 “                        |
| Blacksmith, . . .                      | 38 00 “                        |

GOODS MADE AND REPAIRED IN SEWING  
ROOM

FOR YEAR ENDING SEPT. 30, 1904

---

|                                  |                           |
|----------------------------------|---------------------------|
| 30 anklets.                      | 2 dress skirts, woolen.   |
| 112 aprons, colored.             | 18 dusters.               |
| 72 aprons, ticking.              | 15 gymnasium suits.       |
| 101 aprons, waiter's.            | 37 hats trimmed.          |
| 457 aprons, white.               | 12 jumpers rehemmed.      |
| 12 bandages, T.                  | 2 kimonos.                |
| 30 bandages, abdominal.          | 164 mattress ticks.       |
| 23 bags, coffee.                 | 13 mattress covers.       |
| 32 bags, tea.                    | 37 pairs mittens, canvas. |
| 194 bags, laundry.               | 13 muffs.                 |
| 61 pairs bed room slippers.      | 426 napkins.              |
| 99 bed pads.                     | 552 napkins, sanitary.    |
| 29 bed sheets.                   | 782 night dresses.        |
| 20 bed sheets with jackets.      | 246 night shirts.         |
| 96 bibs.                         | 12 overalls rehemmed.     |
| 510 blankets bound.              | 38 pants hemmed.          |
| 96 blankets rebound.             | 1,082 pillow slips.       |
| 137 bureau scarfs.               | 60 pillow shams.          |
| 19 camisoles.                    | 28 pillow ticks.          |
| 3 canvas squares.                | 86 protectors.            |
| 378 chemises.                    | 7 restraint collars.      |
| 10 corset covers.                | 216 restraint lacings.    |
| 6 cotton rings.                  | 24 restraint straps.      |
| 4 combinations.                  | 180 rugs bound.           |
| 19 pairs curtains, scrim, long.  | 2,120 sheets.             |
| 148 pairs curtains, scrim, sash. | 397 shirts.               |
| 8 pairs curtains, plush, long.   | 384 skirts.               |
| 4 pairs curtains, ticking.       | 14 sofa pillow covers.    |
| 1 pair curtains, denim, long.    | 2 settee covers.          |
| 54 curtains, screen.             | 4 surgeon's gowns.        |
| 79 curtains, shades made.        | 69 table cloths hemmed.   |
| 48 curtains, shades rehemmed.    | 72 table squares.         |
| 3 chair cushion covers.          | 48 table scarfs.          |
| 395 pairs drawers.               | 7 table covers.           |
| 140 dresses, cotton.             | 310 towels, rollers.      |
| 2 dresses, woolen.               | 2,662 towels, short.      |
| 54 dresses, strong.              | 642 towels, dish.         |
| 7 dress waists.                  | 91 waiter's coats.        |

---

## PRODUCTS OF THE FARM.

OCT. 1, 1903, TO SEPT. 30, 1904.

|                                |                       |   |   |   |   |   |   |             |
|--------------------------------|-----------------------|---|---|---|---|---|---|-------------|
| 44,041                         | pounds apples,        | . | . | . | . | . | . | \$440 56    |
| 2,640                          | pounds asparagus,     | . | . | . | . | . | . | 52 80       |
| 43,421                         | pounds beets,         | . | . | . | . | . | . | 441 39      |
| 3,203                          | pounds beet greens,   | . | . | . | . | . | . | 64 06       |
| 819                            | pounds beef,          | . | . | . | . | . | . | 36 33       |
| 2,024                          | pounds beans, shell,  | . | . | . | . | . | . | 40 43       |
| 3,690                          | pounds beans, string, | . | . | . | . | . | . | 73 20       |
| 31                             | pounds beans, lima,   | . | . | . | . | . | . | 1 55        |
| 33                             | pounds blackberries,  | . | . | . | . | . | . | 1 65        |
| 71,877                         | pounds cabbage,       | . | . | . | . | . | . | 732 54      |
| 11,198                         | pounds carrots,       | . | . | . | . | . | . | 123 96      |
| 4                              | pounds cauliflower,   | . | . | . | . | . | . | 22          |
| 936                            | pounds cider,         | . | . | . | . | . | . | 11 70       |
| 2,000                          | pounds celery,        | . | . | . | . | . | . | 40 00       |
| 4,214                          | pounds chard,         | . | . | . | . | . | . | 84 28       |
| 12,667                         | pounds cucumbers,     | . | . | . | . | . | . | 126 87      |
| 90                             | pounds currants,      | . | . | . | . | . | . | 7 72        |
| 21,693                         | pounds corn,          | . | . | . | . | . | . | 214 13      |
| 2,587                          | pounds eggs,          | . | . | . | . | . | . | 432 14      |
| 205                            | tons hay, English,    | . | . | . | . | . | . | 3,280 00    |
| 10                             | tons hay, meadow,     | . | . | . | . | . | . | 100 00      |
| 7                              | tons oat feed,        | . | . | . | . | . | . | 70 00       |
| 32                             | tons rowen,           | . | . | . | . | . | . | 320 00      |
| 43                             | tons green feed,      | . | . | . | . | . | . | 172 00      |
| 540                            | tons ensilage,        | . | . | . | . | . | . | 2,700 00    |
| 1,000                          | tons ice,             | . | . | . | . | . | . | 1,000 00    |
| 4,226                          | pounds lettuce,       | . | . | . | . | . | . | 153 51      |
| 580,480                        | pounds milk,          | . | . | . | . | . | . | 11,609 60   |
| 1,740                          | pounds onions,        | . | . | . | . | . | . | 17 40       |
| 60                             | pounds parsley,       | . | . | . | . | . | . | 3 00        |
| 8,250                          | pounds parsnips,      | . | . | . | . | . | . | 165 00      |
| 3,335                          | pounds peas,          | . | . | . | . | . | . | 129 15      |
| 7,045                          | pounds pears,         | . | . | . | . | . | . | 70 45       |
| 186                            | pounds peppers,       | . | . | . | . | . | . | 9 30        |
| 26,947                         | pounds potatoes,      | . | . | . | . | . | . | 262 90      |
| 906                            | pounds poultry,       | . | . | . | . | . | . | 161 88      |
| <i>Amount carried forward,</i> |                       |   |   |   |   |   |   | \$23,149 72 |



|                                |  |             |
|--------------------------------|--|-------------|
| <i>Amount brought forward,</i> |  | \$23,149 72 |
| 40 pounds quinces,             |  | 2 00        |
| 464 pounds radishes,           |  | 23 00       |
| 284 pounds raspberries,        |  | 14 20       |
| 3,673 pounds rhubarb,          |  | 56 77       |
| 7,642 pounds spinach,          |  | 152 90      |
| 4,857 pounds squash, summer,   |  | 56 77       |
| 33,095 pounds squash,          |  | 511 90      |
| 20,874 pounds tomatoes,        |  | 205 17      |
| 57,030 pounds turnips,         |  | 465 05      |
| 152 pounds veal,               |  | 15 20       |
| 124½ cords wood,               |  | 521 25      |
| Shoeing, repairing, etc.,      |  | 323 13      |
| Cash, live stock,              |  | 475 87      |
| Cash, hides,                   |  | 5 53        |
| Cash, shoeing, repairing,      |  | 35 52       |
| Cash, plants,                  |  | 3 20        |
| Cash, pork,                    |  | 75 85       |
|                                |  | <hr/>       |
|                                |  | \$26,093 03 |

## PRODUCTS ON HAND OCT. 1, 1904.

|                               |            |
|-------------------------------|------------|
| 36,142 pounds apples,         | \$361 42   |
| 120 pounds beans, shell,      | 4 00       |
| 41,625 pounds beets,          | 416 25     |
| 59,000 pounds cabbage,        | 475 00     |
| 6,000 pounds cabbage, fodder, | 12 00      |
| 11,000 pounds carrots,        | 110 00     |
| 2,000 pounds celery,          | 40 00      |
| 100 pounds corn, seed,        | 2 00       |
| 7,500 pounds corn, field,     | 75 00      |
| 160 tons hay, English,        | 2,560 00   |
| 10 tons hay, meadow,          | 100 00     |
| 2 tons oat feed,              | 20 00      |
| 540 tons ensilage,            | 2,700 00   |
| 200 tons ice,                 | 200 00     |
| 500 pounds lettuce,           | 20 00      |
| 1,500 pounds onions,          | 315 00     |
| 8,250 pounds parsnips,        | 165 00     |
| 3,715 pounds pears,           | 37 15      |
| 125 pounds peppers,           | 6 25       |
| 7,800 pounds potatoes,        | 71 50      |
| 40 pounds quinces,            | 2 00       |
| 30,000 pounds squash,         | 450 00     |
| 8,400 pounds tomatoes,        | 84 00      |
| 55,000 pounds turnips,        | 440 00     |
| 175 cords wood,               | 700 00     |
|                               | <hr/>      |
|                               | \$9,366 57 |



|                                |                                       |             |
|--------------------------------|---------------------------------------|-------------|
| <i>Amount brought forward,</i> |                                       | \$576 23    |
| 33,254                         | pounds beets,                         | 295 03      |
| 3,203                          | pounds beet greens,                   | 64 06       |
| 819                            | pounds beef,                          | 36 33       |
| 33                             | pounds blackberries,                  | 1 65        |
| 49                             | pounds broilers,                      | 9 80        |
| 1,600                          | pounds bran,                          | 18 98       |
| 35,924                         | pounds cabbage,                       | 953 75      |
| 19,727                         | pounds carrots,                       | 249 83      |
| 4½                             | pounds cauliflower,                   | 22          |
| 647½                           | pounds celery,                        | 20 88       |
| 4,934                          | pounds chard,                         | 98 68       |
| 425                            | pounds chicken,                       | 84 52       |
| 117                            | gallons cider,                        | 11 70       |
| 27,249                         | pounds corn, green,                   | 272 77      |
| 21                             | bags corn,                            | 25 50       |
| 11,347                         | pounds cucumbers,                     | 113 67      |
| 90                             | pounds currants,                      | 7 72        |
| 2,346¾                         | pounds eggs,                          | 432 14      |
| 432                            | pounds fowl,                          | 67 56       |
| 477½                           | tons ice,                             | 955 00      |
| 3,993                          | pounds lettuce,                       | 138 03      |
| 580,480                        | pounds milk,                          | 11,609 60   |
| 10,965                         | pounds onions,                        | 107 93      |
| 60                             | pounds parsley,                       | 3 00        |
| 10,545                         | pounds parsnips,                      | 148 87      |
| 2,645                          | pounds peas,                          | 103 55      |
| 6,750                          | pounds pears,                         | 67 50       |
| 171                            | pounds peppers,                       | 5 11        |
| 53,652                         | pounds pork,                          | 3,598 60    |
| 23,700                         | pounds potatoes,                      | 232 55      |
| 20                             | pounds quinces,                       | 50          |
| 308                            | pounds radishes,                      | 16 00       |
| 284                            | pounds raspberries,                   | 14 20       |
| 3,673                          | pounds rhubarb,                       | 56 77       |
| 7,573                          | pounds spinach,                       | 151 46      |
| 32,251                         | pounds squash,                        | 645 02      |
| 20,421                         | pounds tomatoes,                      | 184 99      |
| 33,722                         | pounds turnips,                       | 338 98      |
| 152                            | pounds veal,                          | 15 20       |
| 29                             | cords wood,                           | 145 00      |
|                                | Shoeing, repairing, etc.,             | 323 13      |
| 1,131                          | days labor, men, at \$1.75 per day,   | 1,979 23    |
| 963                            | days labor, teams, at \$2 75 per day, | 2,648 24    |
| 744                            | bushels oats,                         | 384 60      |
| 240                            | pounds provender,                     | 3 65        |
| <i>Amount carried forward,</i> |                                       | \$27,217 73 |

